

Adult cigarette smoking

Due to the efforts of statewide tobacco prevention and education programs that helped shift public attitudes about smoking, adult cigarette smoking declined 22 percent between 1996 and 2012. This drop in the percentage of smokers in Oregon, paired with a 52 percent decline in tobacco sales, shows Oregonians are smoking less or quitting altogether.

Unfortunately, some Oregonians are disproportionately affected by tobacco and continue to have high smoking rates. Almost one in three Oregonians who make less than \$15,000 per year smoke. This is in comparison to one in 10 Oregonians who make more than \$50,000 per year who smoke. Race and ethnicity are also important factors—35 percent of American Indians smoke in comparison to 21 percent of whites. To achieve lower overall tobacco use and reduce tobacco-related diseases, these disparities must be eliminated.

Oregon Tobacco Facts 2013: Adult Cigarette Smoking

Current tobacco use by Oregon adults, 2012

Type of tobacco	Not Age-Adjusted*	Age-Adjusted†
	Prevalence (%)	Prevalence (%)
Cigarettes	17.7	18.5
Smokeless tobacco	4.0	4.3
Smokeless tobacco (males only)	7.4	7.8
Cigars	3.4	3.5
Hookah tobacco	1.4	1.5

Notes:

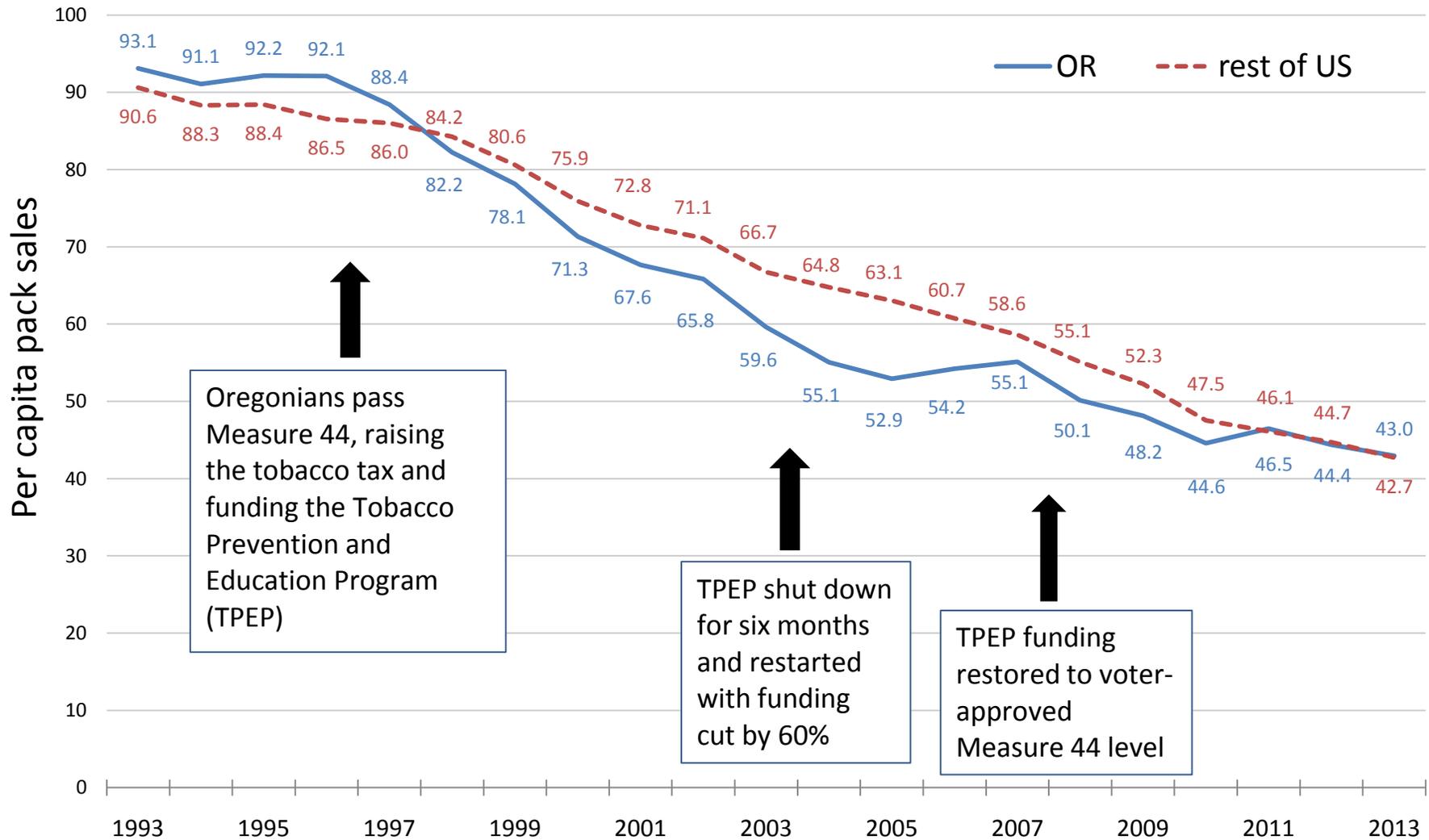
* Results which are not age-adjusted state the current prevalence. However, these results cannot be compared to those from any other time period, any subset of the population, or any other population (such as another state). See "Oregon Tobacco Facts Data Sources and Statistical Methods."

† Age-adjusted results can be compared to other time periods or other populations. See "Oregon Tobacco Facts Data Sources and Statistical Methods."

Data source:

Oregon Behavioral Risk Factor Surveillance System (BRFSS) 2012.

Per capita cigarette pack sales, Oregon vs. rest of United States, FY 1993 through 2013



Oregon Tobacco Facts 2013: Adult Cigarette Smoking

Per capita pack sales, Oregon and US, 1993 through 2013



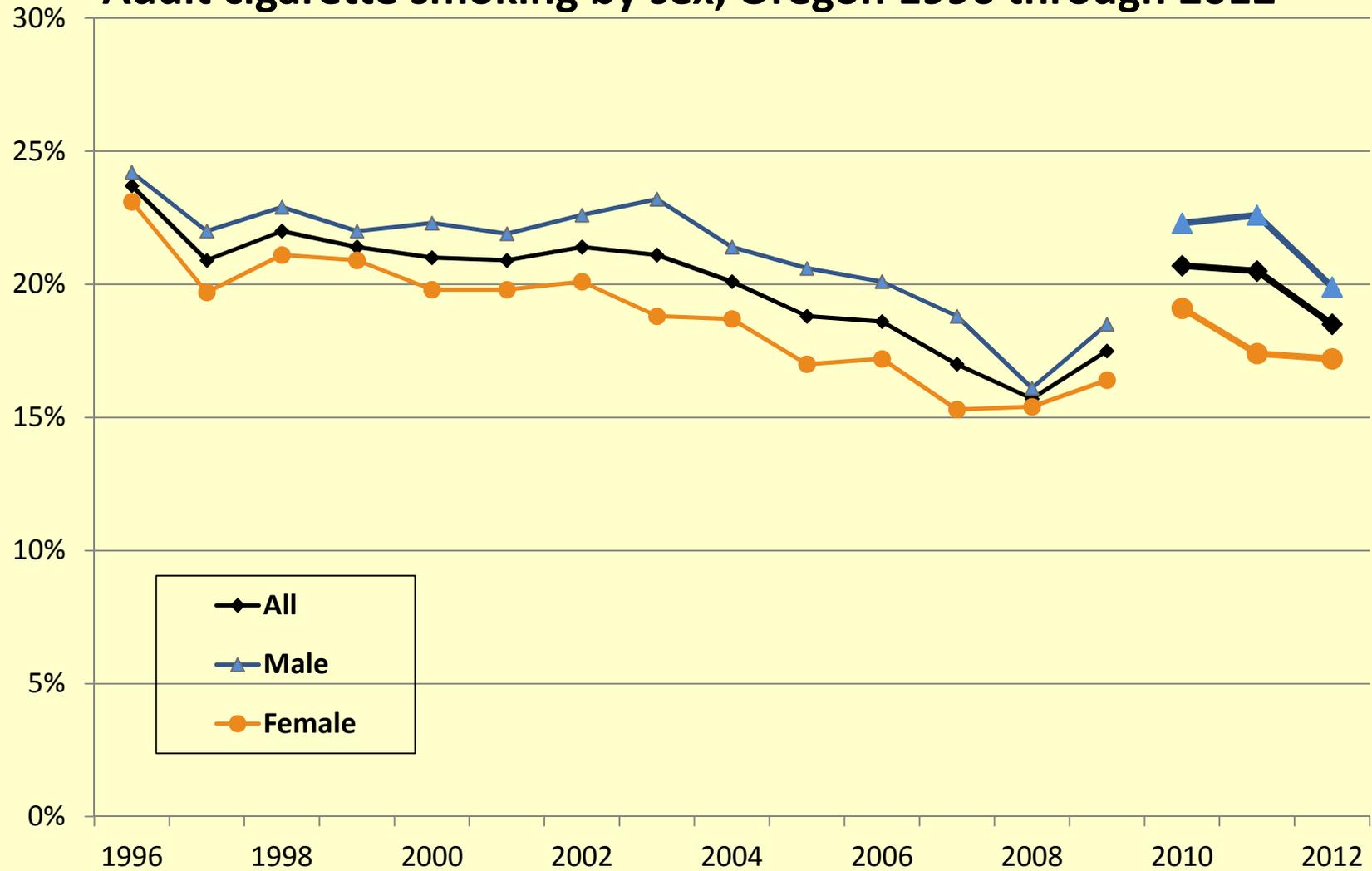
Packs per capita

Year	Oregon	Rest of US
1993	93.1	90.6
1994	91.1	88.3
1995	92.2	88.4
1996	92.1	86.5
1997	88.4	86.0
1998	82.2	84.2
1999	78.1	80.6
2000	71.3	75.9
2001	67.6	72.8
2002	65.8	71.1
2003	59.6	66.7
2004	55.1	64.8
2005	52.9	63.1
2006	54.2	60.7
2007	55.1	58.6
2008	50.1	55.1
2009	48.2	52.3
2010	44.6	47.5
2011	46.5	46.1
2012	44.4	44.7
2013	43.0	42.7

Sources:

Orzechowski & Walker (2013). The Tax Burden on Tobacco, Table 10.

Adult cigarette smoking by sex, Oregon 1996 through 2012



Source: Oregon Behavioral Risk Factor Surveillance System (BRFSS). All results are age-adjusted. See "Oregon Tobacco Facts Data Sources and Statistical Methods."

Data collection methods changed in 2010. Results are not comparable to those from earlier years.

Oregon Tobacco Facts 2013: Adult Cigarette Smoking



Adult cigarette smoking by sex, Oregon 1996 through 2012

Year	All Adults (%)	Males (%)	Females (%)
1996	23.7	24.2	23.1
1997	20.9	22.0	19.7
1998	22.0	22.9	21.1
1999	21.4	22.0	20.9
2000	21.0	22.3	19.8
2001	20.9	21.9	19.8
2002	21.4	22.6	20.1
2003	21.1	23.2	18.8
2004	20.1	21.4	18.7
2005	18.8	20.6	17.0
2006	18.6	20.1	17.2
2007	17.0	18.8	15.3
2008	15.7	16.1	15.4
2009	17.5	18.5	16.4

2010	20.7	22.3	19.1
2011	20.5	22.6	18.4
2012	18.5	19.9	17.2

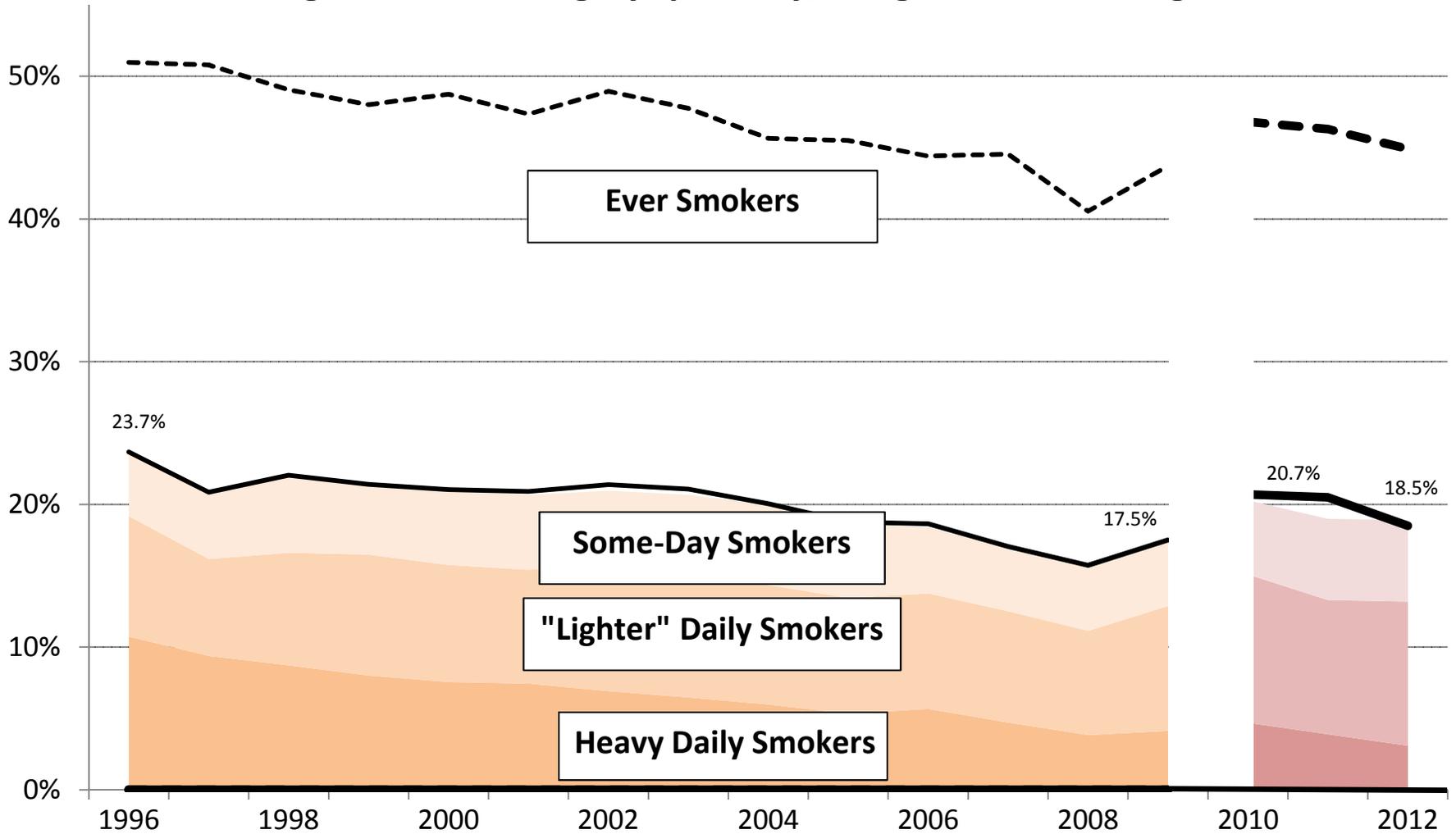
Notes:

- Results from 2010 and later years can not be compared with results from 2000 to 2009. The populations and methods are different. See "Oregon Tobacco Facts Data Sources and Statistical Methods"
- Results from 2010 and later years can cautiously be compared with results before 2000.
- All results are age-adjusted.

Data sources:

- 1996-2009: Oregon Behavioral Risk Factor Surveillance System [BRFSS]. (Landline telephones only). See "Oregon Tobacco Facts Data Sources and Statistical Methods."
- 2010 on: Oregon Behavioral Risk Factor Surveillance System [BRFSS]. (Landlines and cell phones) See "Oregon Tobacco Facts Data Sources and Statistical Methods."

Adult cigarette smoking by quantity, Oregon 1996 through 2012



Source: Oregon Behavioral Risk Factor Surveillance System (BRFSS). All results are age-adjusted. See "Oregon Tobacco Facts Data Sources and Statistical Methods."

Data collection methods changed in 2010. Results are not comparable to those from earlier years.

Oregon Tobacco Facts 2013: Adult Cigarette Smoking



Adult cigarette smoking by quantity, Oregon 1996 through 2012

Year	Heavy Smokers (20+ cigarettes/day) Percent (%)	Lighter Smokers (1-19 cigarettes/day) Percent (%)	Some-day Smokers Percent (%)	Total Smoking* Percent (%)	Ever Smokers Percent (%)
1996	10.7	8.4	4.4	23.7	51.0
1997	9.4	6.8	4.6	20.9	50.8
1998	8.7	7.9	5.4	22.0	49.1
1999	8.0	8.5	4.9	21.4	48.0
2000	7.6	8.2	5.3	21.0	48.7
2001	7.5	8.0	5.2	20.9	47.4
2002	6.9	8.9	5.2	21.4	48.9
2003	6.5	8.8	5.4	21.1	47.7
2004	6.0	8.4	5.6	20.1	45.7
2005	5.3	8.1	5.2	18.8	45.5
2006	5.7	8.1	4.6	18.6	44.4
2007	4.7	7.8	4.4	17.0	44.6
2008	3.8	7.3	4.5	15.7	40.5
2009	4.1	8.8	4.5	17.5	43.7

2010	4.7	10.4	5.2	20.7	46.8
2011	3.9	9.4	5.7	20.5	46.3
2012	3.1	10.1	5.7	18.5	44.9

Notes

- Results from 2010 and later years cannot be compared with results from 2000 to 2009. The populations and methods are different.
See "Oregon Tobacco Facts Data Sources and Statistical Methods"
- Results from 2010 and later years can cautiously be compared with results before 2000.
- All results are age-adjusted.
- Total smoking prevalence might not match the sum of the columns. Not all smokers were asked how much they smoked.

Data sources:

- 1996 through 2009: Oregon Behavioral Risk Factor Surveillance System [BRFSS]. (Landline telephones only).
See "Oregon Tobacco Facts Data Sources and Statistical Methods."
- 2010 and later: Oregon Behavioral Risk Factor Surveillance System [BRFSS]. (Landlines and cell phones)
See "Oregon Tobacco Facts Data Sources and Statistical Methods."

Oregon Tobacco Facts 2013: Adult Cigarette Smoking

Adult cigarette smoking by age and sex, Oregon 2010 through 2012

Age Group	2010 Prevalence (%)			2011 Prevalence (%)			2012 Prevalence (%)		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
18-25 years old	24.6	28.4	26.6	28.3	21.1	24.8	21.4	18.6	20.1
26-34 years old	25.3	30.6	28.0	33.5	22.9	28.3	24.7	22.1	23.4
35-44 years old	19.0	22.0	20.6	21.4	19.9	20.7	21.3	18.6	20.0
45-54 years old	23.2	23.5	23.3	20.7	21.5	21.1	24.3	18.8	21.5
55-64 years old	13.6	17.8	15.7	21.2	13.4	17.2	15.4	15.1	15.3
65 years or older	7.0	9.8	8.2	9.7	9.1	9.4	9.0	8.3	8.6
All Adults	22.3	19.1	20.7	22.6	18.4	20.5	19.9	17.2	18.5

Notes:

- Adult prevalence (BRFSS) data include both land lines and cell phones.
- The results above cannot be compared with results from 2000 to 2009. The populations and methods are different.
- The results for individual age brackets are not age-adjusted.
- The results for all adults are age-adjusted.

Data Source:

Oregon Behavioral Risk Factor Surveillance System (BRFSS). See "Oregon Tobacco Facts Data Sources and Statistical Methods."

Oregon Tobacco Facts 2013: Adult Cigarette Smoking

Adult cigarette smoking by level of education, 2010 through 2012

Highest Level of Education	2010 Prevalence (%)	2011 Prevalence (%)	2012 Prevalence (%)
Did not graduate from high school	42.7	37.6	30.7
High school graduate or GED	26.0	25.7	24.4
College 1-3 years	18.0	19.9	17.9
College graduate	7.0	7.7	7.6

Notes:

- Adult prevalence (BRFSS) data include both land lines and cell phones.
- The results above cannot be compared with results from 2000 to 2009. The populations and methods are different.
- The results are age-adjusted.

Data Source:

Oregon Behavioral Risk Factor Surveillance System (BRFSS). See "Oregon Tobacco Facts Data Sources and Statistical Methods."

Oregon Tobacco Facts 2013: Adult Cigarette Smoking

Adult cigarette smoking by household income, 2010 through 2012

Income	2010 Prevalence (%)	2011 Prevalence (%)	2012 Prevalence (%)
Less than \$15,000	41.7	35.9	31.4
\$15,000 - \$24,999	29.7	32.8	26.4
\$25,000 - \$49,999	21.0	20.7	19.7
\$50,000 or more	11.1	10.1	11.0

Notes:

- Adult prevalence (BRFSS) data include both land lines and cell phones.
- The results above cannot be compared with results from 2000 to 2009. The populations and methods are different.
- The results are age-adjusted.

Data Source:

Oregon Behavioral Risk Factor Surveillance System (BRFSS). See "Oregon Tobacco Facts Data Sources and Statistical Methods."

Oregon Tobacco Facts 2013: Adult Cigarette Smoking

Adult cigarette smoking by health insurance status, 2010 through 2012

Health Insurance Status	2010	2011	2012
	Prevalence (%)	Prevalence (%)	Prevalence (%)
Oregon Health Plan (OHP) / Medicaid	41.7	37.8	35.9
Any health insurance other than OHP	13.2	14.9	13.1
No health insurance	36.2	33.9	29.3

Notes:

- Adult prevalence (BRFSS) data include both land lines and cell phones.
- The results above cannot be compared with results from 2000 to 2009. The populations and methods are different.
- The results are age-adjusted.

Data Source:

Oregon Behavioral Risk Factor Surveillance System (BRFSS). See "Oregon Tobacco Facts Data Sources and Statistical Methods."

Oregon Tobacco Facts 2013: Adult Cigarette Smoking

Adult cigarette smoking by race and ethnicity, Oregon 2010-2011

Race/Ethnicity	2010-2011 Prevalence (%)
African American, non-Latino	33.3
American Indian and Alaska Native, non-Latino	35.3
Asian / Pacific Islander, non-Latino	14.1
Latino	20.8
White, non-Latino	21.4

Notes:

- Adult prevalence (BRFSS) data include both land lines and cell phones.
- The results above can not be compared with results from the 2004-2005 BRFSS Race Oversample. The populations and methods are different.
- The results are age-adjusted.

Data Source:

Oregon Behavioral Risk Factor Surveillance System (BRFSS) Race Oversample 2010-2011.

See "Oregon Tobacco Facts Data Sources and Statistical Methods."

Oregon Tobacco Facts 2013: Adult Cigarette Smoking

Oregon Health Plan / Medicaid patients: tobacco use by race and ethnicity, 2011

Race/Ethnicity	Oregon Health Plan adults, 2011 Prevalence (%)
African American, non-Latino	36
American Indian and Alaska Native, non-Latino	43
Asian / Pacific Islander, non-Latino	9
Latino	19
White, non-Latino	36

Data Source:

Consumer Assessment of Health Plans and Systems (CAHPS) Survey, 2011
See "Oregon Tobacco Facts Data Sources and Statistical Methods."

Oregon Tobacco Facts 2013: Adult Cigarette Smoking

Adult cigarette smoking by sexual orientation, 2010 through 2012

Sexual Orientation	2010 Prevalence (%)	2011 Prevalence (%)	2012 Prevalence (%)
Gay or lesbian	35.5	27.5	22.4
Bisexual	39.9	49.5	37.9
Not gay, lesbian, or bisexual	20.4	19.9	18.1

Notes:

- Adult prevalence (BRFSS) data include both land lines and cell phones.
- The results above cannot be compared with results from 2000 to 2009. The populations and methods are different.
- The results are age-adjusted.

Data Source:

Oregon Behavioral Risk Factor Surveillance System (BRFSS). See "Oregon Tobacco Facts Data Sources and Statistical Methods."

Oregon Tobacco Facts 2013: Adult Cigarette Smoking

Adult cigarette smoking by veteran status, 2010 through 2012

Veteran Status	2010	2011	2012
	Prevalence (%)	Prevalence (%)	Prevalence (%)
Current or former member of the armed forces	21.8	27.9	21.6
Never a member of the armed forces	19.9	18.4	18.2

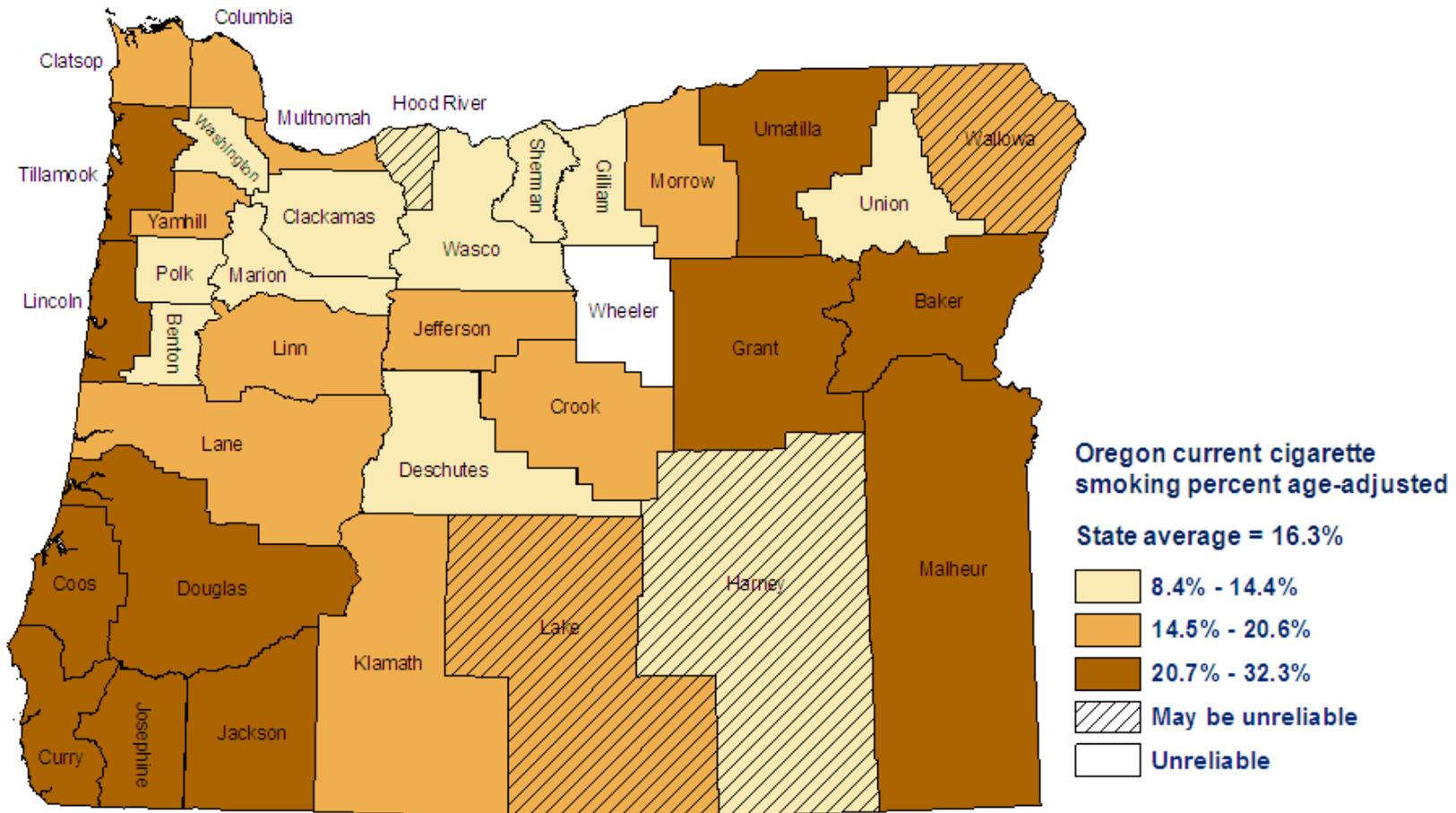
Notes:

- Adult prevalence (BRFSS) data include both land lines and cell phones.
- The results above cannot be compared with results from 2000 to 2009. The populations and methods are different.
- The results are age-adjusted.

Data Source:

Oregon Behavioral Risk Factor Surveillance System (BRFSS). See "Oregon Tobacco Facts Data Sources and Statistical Methods."

Adult cigarette smoking by Oregon county, 2008-2011



Source: Oregon Behavioral Risk Factor Surveillance System (BRFSS) 2008-2011

Oregon Tobacco Facts 2013: Adult Cigarette Smoking

Adult cigarette smoking by Oregon county, 2008-2011



	Prevalence (%)	Compared to rest of state
U.S.	18	
Oregon	16	
Baker	26	Higher
Benton	10	Lower
Clackamas	14	Lower
Clatsop	20	
Columbia	19	
Coos	28	Higher
Crook	17	
Curry	32	Higher
Deschutes	14	
Douglas	27	Higher
Grant	26	
Harney	8†	
Hood River	10†	
Jackson	21	Higher
Jefferson	15	
Josephine	21	Higher
Klamath	21	
Lake	19†	
Lane	18	
Lincoln	27	Higher
Linn	19	
Malheur	23	
Marion	14	
Morrow	15	
Multnomah	15	Lower
North Central HD	14	
Polk	14	
Tillamook	23	
Umatilla	21	Higher
Union	12	
Wallowa	17†	
Washington	13	Lower
Wheeler	*	
Yamhill	18	

Notes:

* Suppressed; statistically unreliable. See "Oregon Tobacco Facts Data Sources and Statistical Methods."

† May be statistically unreliable; interpret with caution. See "Oregon Tobacco Facts Data Sources and Statistical Methods."

• The results are age-adjusted.

Data Source:

Oregon Behavioral Risk Factor Surveillance System (BRFSS).

Oregon Tobacco Facts 2013: Adult Cigarette Smoking

Adult cigarette smoking by Oregon county, over time

	1990-1994 Prevalence (%)	1997 Prevalence (%)	2000 - 2001 Prevalence (%)	2004 - 2007 Prevalence (%)	2008 - 2011 Prevalence (%)
U.S.	24	23	23	20	18
Oregon	22	21	21	19	16
Baker	23	14	25	20	26
Benton	11	15	14	11	10
Clackamas	21	23	19	17	14
Clatsop	30	25	26	23	20
Columbia	20	22	26	20	19
Coos	25	23	29	27	28
Crook	31	30	24	27	17
Curry	21	27	22	24	32
Deschutes	20	22	15	14	14
Douglas	24	22	30	27	27
Grant	20	21	21	20	26
Harney	30†	16	16	30	8†
Hood River	18	18	12	9	10†
Jackson	21	20	20	21	21
Jefferson	23†	27	22	19	15
Josephine	22	32	37	28	21
Klamath	23	25	21	25	21
Lake	16†	17	17	21	19†
Lane	23	21	21	20	18
Lincoln	37	22	31	28	27
Linn	24	20	25	22	19
Malheur	23	20	21	16	23
Marion	24	22	22	17	14
Morrow	16†	14	21	23	15
Multnomah	25	20	20	20	15
North Central HD	24	21	22	21	14
Polk	23	23	12	16	14
Tillamook	22	23	25	20	23
Umatilla	23	18	23	25	21
Union	23	21	19	16	12
Wallowa	16†	15	15	12	17†
Washington	18	15	18	13	13
Wheeler	*	*	*	*	*
Yamhill	24	28	22	20	18

Notes:

* Suppressed; statistically unreliable. See "Oregon Tobacco Facts Data Sources and Statistical Methods."

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• The results are age-adjusted.

Data Source:

Oregon Behavioral Risk Factor Surveillance System (BRFSS).